

Title (en)

TRANSFER FOIL, SECURITY LAMINATE, AND SECURITY LAMINATE PRODUCTION METHOD

Title (de)

TRANSFERFOLIE, SICHERHEITSLAMINAT UND SICHERHEITSLAMINATHERSTELLUNGSVERFAHREN

Title (fr)

FEUILLE DE TRANSFERT, STRATIFIÉ DE SÉCURITÉ ET PROCÉDÉ DE PRODUCTION DE STRATIFIÉ DE SÉCURITÉ

Publication

**EP 3527405 B1 20221026 (EN)**

Application

**EP 17860615 A 20171012**

Priority

- JP 2016201014 A 20161012
- JP 2017037031 W 20171012

Abstract (en)

[origin: EP3527405A1] A transfer foil comprises a film-like substrate, and a layered transfer body having a pair of opposing surfaces and having an adhesion layer. A first surface of the pair of opposing surfaces is in contact with the substrate so as to be peelable from the substrate, and the adhesion layer is provided so as to include a second surface of the pair of opposing surfaces. The adhesion layer is a composite, and comprises a plurality of resin particles respectively comprising a first resin, and a layered base material comprising a second resin and filling gaps between the resin particles. The melting point of the second resin is lower than the melting point of the first resin. The transfer foil uses an adhesion layer of a composite of two incompatible resins that have different characteristics, such as melting point and crystallinity; therefore, the transfer foil maintains resistance to heat and pressure, and makes it possible to increase the accuracy of the outline shape of a layer formed by transfer on a transfer-receiving body.

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

FR3141639A1; WO2024094521A1

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